Earned Value Management

What is an Earned Value Management System?

- Integrated management system and its related sub-systems which allow for:
  - planning all work scope for the project to completion
  - assignment of authority and responsibility at the work performance level
  - integration of the cost, schedule, and technical aspects of the work into a detailed baseline plan
  - objective measurement of progress (earned value) at the work performance level
  - accumulation and assignment of actual costs
  - analysis of variances from plan – documented resultant management actions
  - summarization and reporting of performance data to higher levels of management for action (CPR)
  - forecast of attainment of milestones and completion of contract-required events (CPR)
  - forecast of final contract cost and informed prediction of most probable price (CPR)
  - disciplined baseline maintenance and incorporation of baseline revisions in a timely manner

What is a Compliant Earned Value Management System?

- Meets the Guidelines (Criteria) established by the ANSI/EIA-748
  - The government does not impose a management system – the contractor has tailored their planning and control systems to the unique needs of the company
  - Most of the basic principles of an EVMS are already inherent in good business practices and program management, however
  - Some of the unique EVM guidelines may require a more intensive approach to the integration of the management systems
  - EVMS Guidelines describe the desired outcomes
  - EVMS Guidelines do not prescribe a specific system

What is a Validated Earned Value Management System?

- EVMS found to be compliant by Government validation review team. Compliance documented in DCMA and/or KO/ACO letter of compliance with ANSI/EIA-748 standard.